

**Soil Moisture Active and Passive Mission (SMAP)  
Science Definition Team (SDT) Meeting #4  
February 2-4, 2010**

**Tuesday, February 2**

**Introduction**

- 09:00** Goals for Meeting #4 (Entekhabi – 15 mins)
- 09:15** Project Update (Kellogg – 15 mins)
- 09:30** Revised L1 Science Requirements Document: Impacts of Changes (Njoku – 15 mins)

**Data Products**

- 09:45** Revised Data Products Table, Gridding and Latency (Njoku – 15 mins)
- 10:00** Level 3 Compositing of Level 2 Products (Chan – 15 mins)
- 10:15** Compositing Discussion / Open Issues Listing (All – 15 mins)

**10:30 BREAK (15 mins)**

**HiRes Radar Acquisition**

- 10:45** Status Report on Hi-Res Data Volume and Latency (Bicknell – 15 mins)
- 11:00** Algorithm Performance Impacts With Fore/Aft HiRes Radar (Kim – 15 mins)
- 11:15** Algorithm Performance Impacts With AM/PM HiRes Radar (McDonald – 15 mins)

**Ancillary Data**

- 11:30** Cross-ATBD Ancillary Data Table and Data Sources (Podest – 15 mins)
- 11:45** Ancillary Data Discussion / Open Issues Listing (All – 15 mins)
  
- 12:00** Performance Metrics Definitions (Koster/Reichle – 15 mins)
- 12:15** Metrics Discussion / Open Issues Listing (Koster/Reichle – 15 mins)

**12:30 LUNCH (60 mins)**

**Cal/Val**

- 13:30** 2010 Cal/Val Plans: Canada and Australia (Jackson/Belair/Walker – 30 mins)
- 14:00** 2011 Cal/Val Planning (Jackson – 15 mins)
- 14:15** *in situ* Testbed and Cal/Val Core Sites ROSES Call (Jackson – 15 mins)
- 14:30** Cal/Val Discussion / Open Issues Listing (All – 15 mins)

**RFI**

- 14:45** RFI update (Johnson – 15 mins)
- 15:00** RFI Discussion / Open Issues Listing (All – 15 mins)

**15:15 BREAK (15 mins)**

**New For SDT**

- 15:30** Algorithm Testbed Forward Models (Chan, Kim – 30 mins)
- 16:00** Testbed Discussion / Open Issues Listing (All – 15 mins)
- 16:15** US and International SDT Member Presentations (Volunteers – 45 mins)

**17:00 ADJOURN**

**DINNER**

## **Wednesday, February 3**

### **ATBD I**

- 08:30** Preparations for the Algorithms Working Group Workshop (Moghaddam – 15 mins)
- 08:45** L1B\_S0\_LoRes and L1C\_S0\_HiRes Products Status (West – 30 mins)
- 09:15** L1\_S0 Discussion / Open Issues Listing (All – 15 mins)
- 09:30** L1B\_TB\_LoRes and L1C\_TB Products Status (Piepmeier, Chan – 30 mins)
- 10:00** L1\_TB Discussion / Open Issues Listing (All – 15 mins)

**10:15 BREAK (15 mins)**

### **ATBD II**

- 10:30** L2\_F/T\_A (McDonald – 30 mins)
- 11:00** L2\_F/T\_A Discussion / Open Issues Listing (All – 15 mins)
- 11:15** L2\_SM\_A Product Status (Van Zyl, Kim – 30 mins)
- 11:45** L2\_SM\_A Discussion / Open Issues Listing (All – 30 mins)

**12:15 LUNCH (60 mins)**

### **ATBD III**

- 13:15** L2\_SM\_P Product Status (O'Neill, Chan – 30 mins)
- 13:45** L2\_SM\_P Discussion / Open Issues Listing (All – 15 mins)
- 14:00** L2\_SM\_A/P Product Status (Entekhabi, Das – 30 mins)
- 14:30** L2\_SM\_A/P Discussion / Open Issues Listing (All – 15 mins)
- 14:45** Science Graphics and Web Page (Yuen – 30 mins)

**15:15 BREAK (15 mins)**

### **ATBD IV**

- 15:30** Applications and Application Plan Status (All – 15 mins)
- 15:45** SMAP Advocacy in Science and Applications (All – 60 mins)
- 16:45** Open Issues Listing (All – 15 mins)

**17:00 ADJOURN**

## **Thursday, February 4**

### **ATBD IV**

- 08:30** L4\_SM (Reichle – 30 mins)
- 09:00** L4\_C (Kimball – 30 mins)
- 09:30** L4 Discussion / Open Issues Listing (All – 15 mins)
- 09:45** Future Meetings and Events (All -30 mins)

**10:15 ADJOURN**

**10:30** SDT Sub-Groups Break-Out Meetings on Data Products

**17:00 ADJOURN**